

IN THE ABSTRACT:

A fuel container and delivery apparatus is provided which also allows for removal of effluents from the fuel cell. The fuel container and delivery assembly-apparatus includes ~~an inner~~ a first flexible bladder containing fuel for a liquid feed fuel cell. The fuel container and delivery assembly is fitted with a pressure-applying element that exerts a continuous pressure upon the fuel-containing flexible bladder in such a manner that the fuel is expressed through a conduit in the container to the direct oxidation fuel cell. The ~~fuel is supplied to the fuel cell in a continuous manner, or on demand. The fuel container may be a replaceable cartridge. In accordance with one embodiment of the invention,~~ In addition, the assembly includes a second bladder that is provided to receive effluent from the fuel cell ~~which may be comprised of~~ such as carbon dioxide and unreacted fuel and water from the anode side, ~~or of~~ and water from the cathode side, or a combination of both.